

MAST4 Polyclonal Antibody

Catalog No :	YT2660
Reactivity :	Human;Mouse
Applications :	WB;IHC;IF;ELISA
Target :	MAST4
Gene Name :	MAST4
Protein Name :	Microtubule-associated serine/threonine-protein kinase 4
Human Gene Id :	375449
Human Swiss Prot No :	O15021
Mouse Gene Id :	328329
Mouse Swiss Prot No :	Q811L6
Immunogen :	The antiserum was produced against synthesized peptide derived from human MAST4. AA range:251-300
Specificity :	MAST4 Polyclonal Antibody detects endogenous levels of MAST4 protein.
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Polyclonal, Rabbit,IgG
Dilution :	WB 1:500 - 1:2000. IHC 1:100 - 1:300. IF 1:200 - 1:1000. ELISA: 1:5000. Not yet tested in other applications.
Purification :	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Concentration :	1 mg/ml
Storage Stability :	-15°C to -25°C/1 year(Do not lower than -25°C)

Observed Band : 36kD

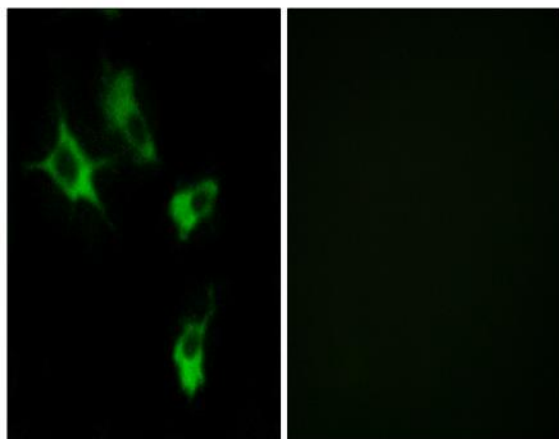
Background : This gene encodes a member of the microtubule-associated serine/threonine protein kinases. The proteins in this family contain a domain that gives the kinase the ability to determine its own scaffold to control the effects of their kinase activities. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Mar 2014],

Function : catalytic activity:ATP + a protein = ADP + a phosphoprotein.,caution:The sequence shown here is derived from an Ensembl automatic analysis pipeline and should be considered as preliminary data.,cofactor:Magnesium.,PTM:Phosphorylated upon DNA damage, probably by ATM or ATR.,similarity:Belongs to the protein kinase superfamily. AGC Ser/Thr protein kinase family.,similarity:Contains 1 AGC-kinase C-terminal domain.,similarity:Contains 1 PDZ (DHR) domain.,similarity:Contains 1 protein kinase domain.,tissue specificity:Highly expressed in most normal human tissues, with an exception of in testis, small intestine, colon and peripheral blood leukocyte.,

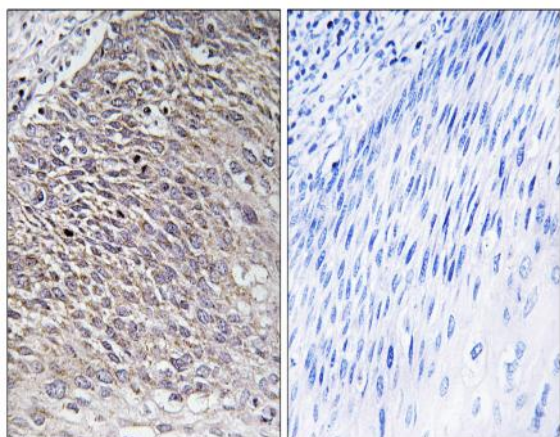
Subcellular Location : Cytoplasm .

Expression : Highly expressed in most normal human tissues, with an exception of in testis, small intestine, colon and peripheral blood leukocyte.

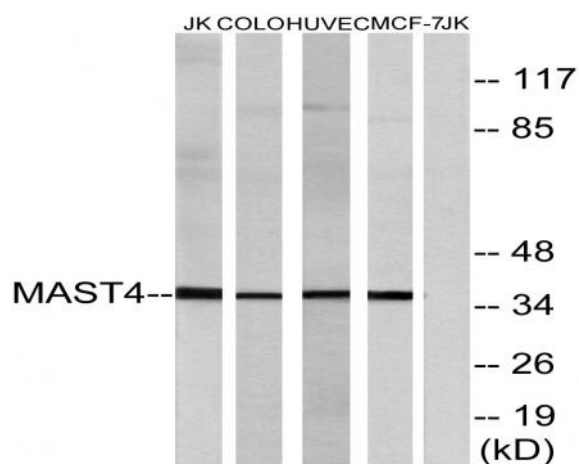
Products Images



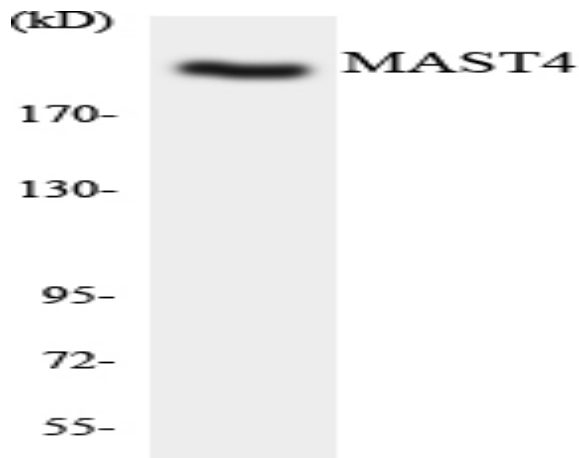
Immunofluorescence analysis of COS7 cells, using MAST4 Antibody. The picture on the right is blocked with the synthesized peptide.



Immunohistochemistry analysis of paraffin-embedded human testis tissue, using MAST4 Antibody. The picture on the right is blocked with the synthesized peptide.



Western blot analysis of lysates from Jurkat, COLO, HUVEC, and MCF-7 cells, using MAST4 Antibody. The lane on the right is blocked with the synthesized peptide.



Western blot analysis of the lysates from HT-29 cells using MAST4 antibody.